

Figure 1

[SEQ ID No. 1]

MGPNDHGFAYILIFLLLSPPTHANRDANRLFEDLIADYNKLVVPVSE47

NGETLVVTFKLKLSQLLDVHEKNQIMTTNVWLQHSWMDYKLRWDPVE94

YGGVEVLYVPSDTIWLPDVVLYNNADGNYQVTIMTKAKLTYNQTVZW141

APPAIYKSMCQIDVEFFPFDRQQCEMFGSWTYGGLEVDLQHRDKHL188

EKEIEEDVEGVDGPTKEIVWVDRGIDLSDYPPSVEWDILNVPGKPH235

SKRYPCCESPFDITYEIHLLRRKTLFYTVNLIFPSVGISFLTALVfy282

LPSDGGEEKISLCISILISLTVFFLLLVETIPSTSLVIPLIGKYLLFT329

MVLVTLSVVVTVVTLNVFYRSPTTHTMPKWMKPLFVDFLPKYLLMTR376

PQPPGHHKPNRKFDSPASTFSIGVNHVLGQNSELLSPGLNSNREES423

SFTLPRDNSPVRSAYESVAYIADHLKNEEDDKQVIEDWKYISVVMMDR470

IFLITFTFACAFGTVVVIARAPSIYDNTPALA 502

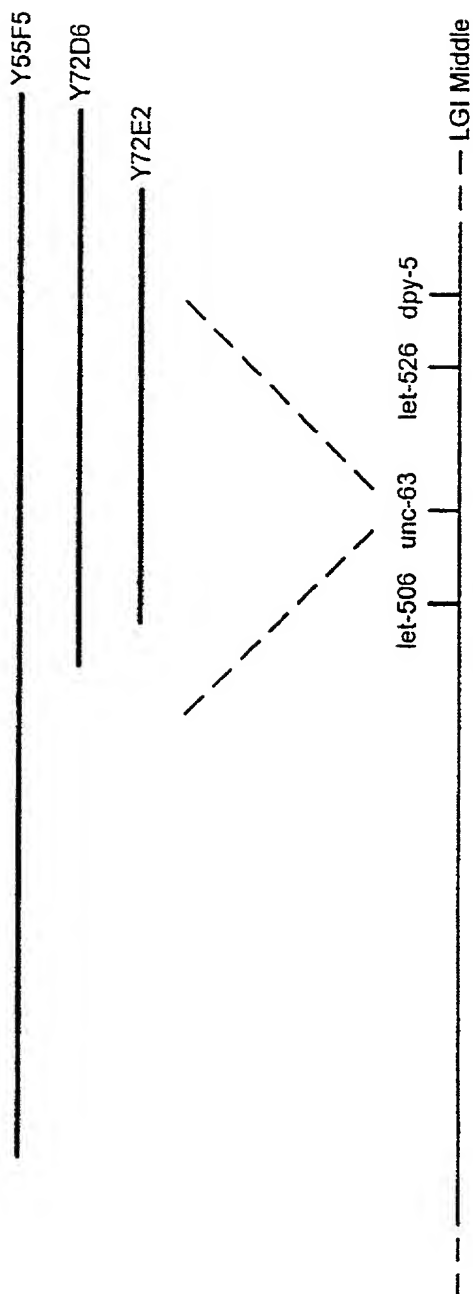


FIG. 2

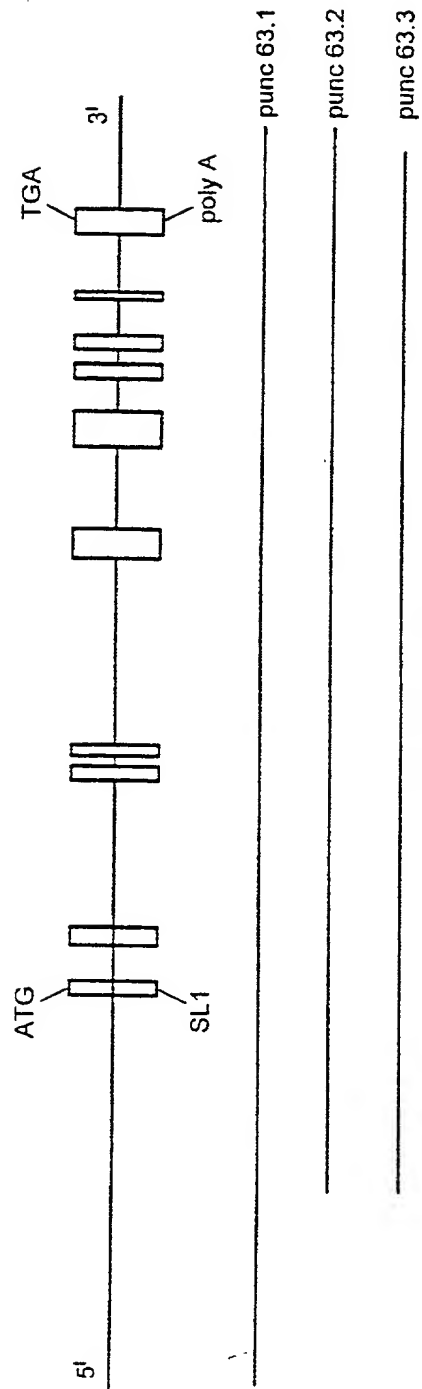


FIG. 3

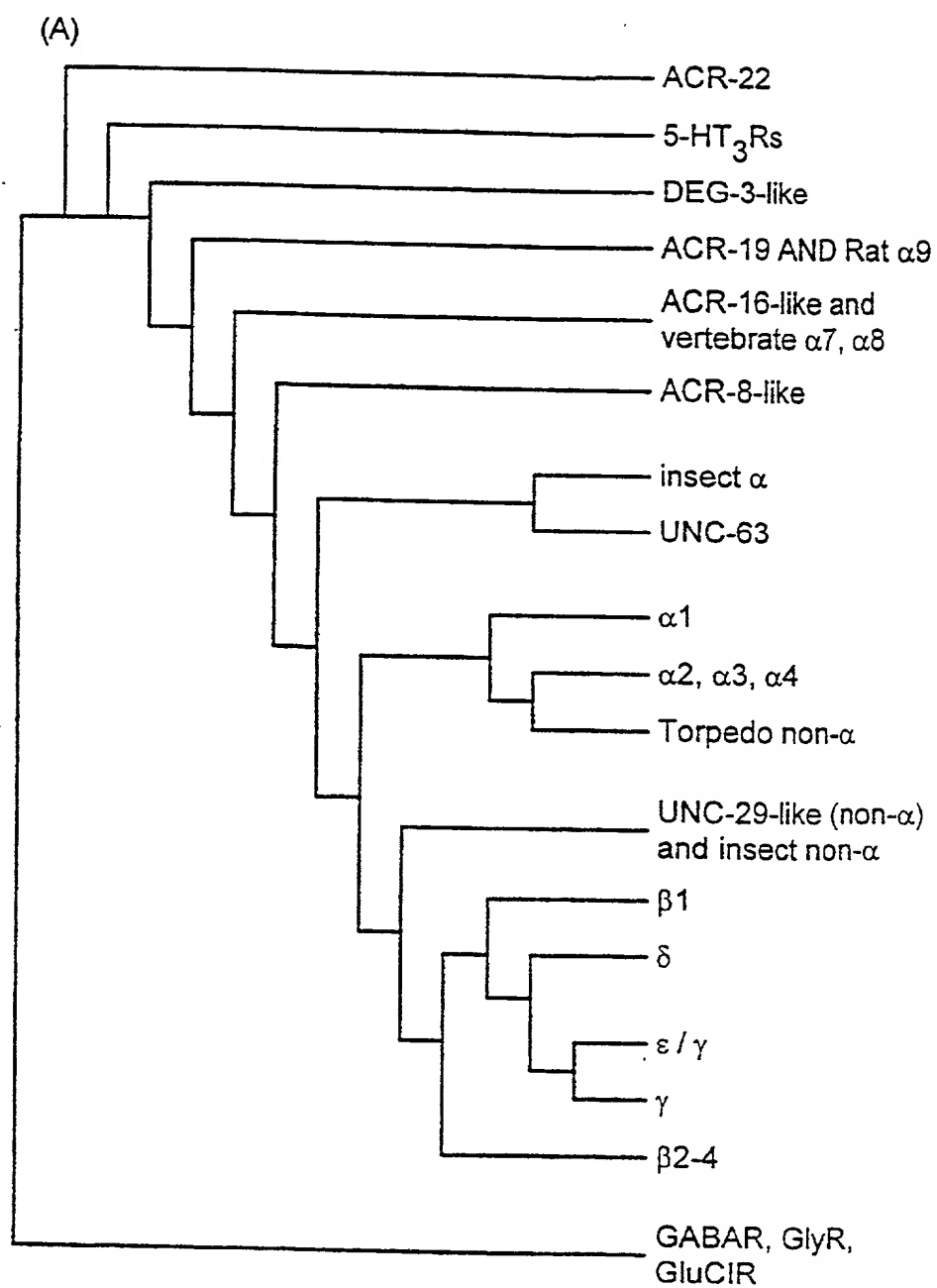


FIG. 4

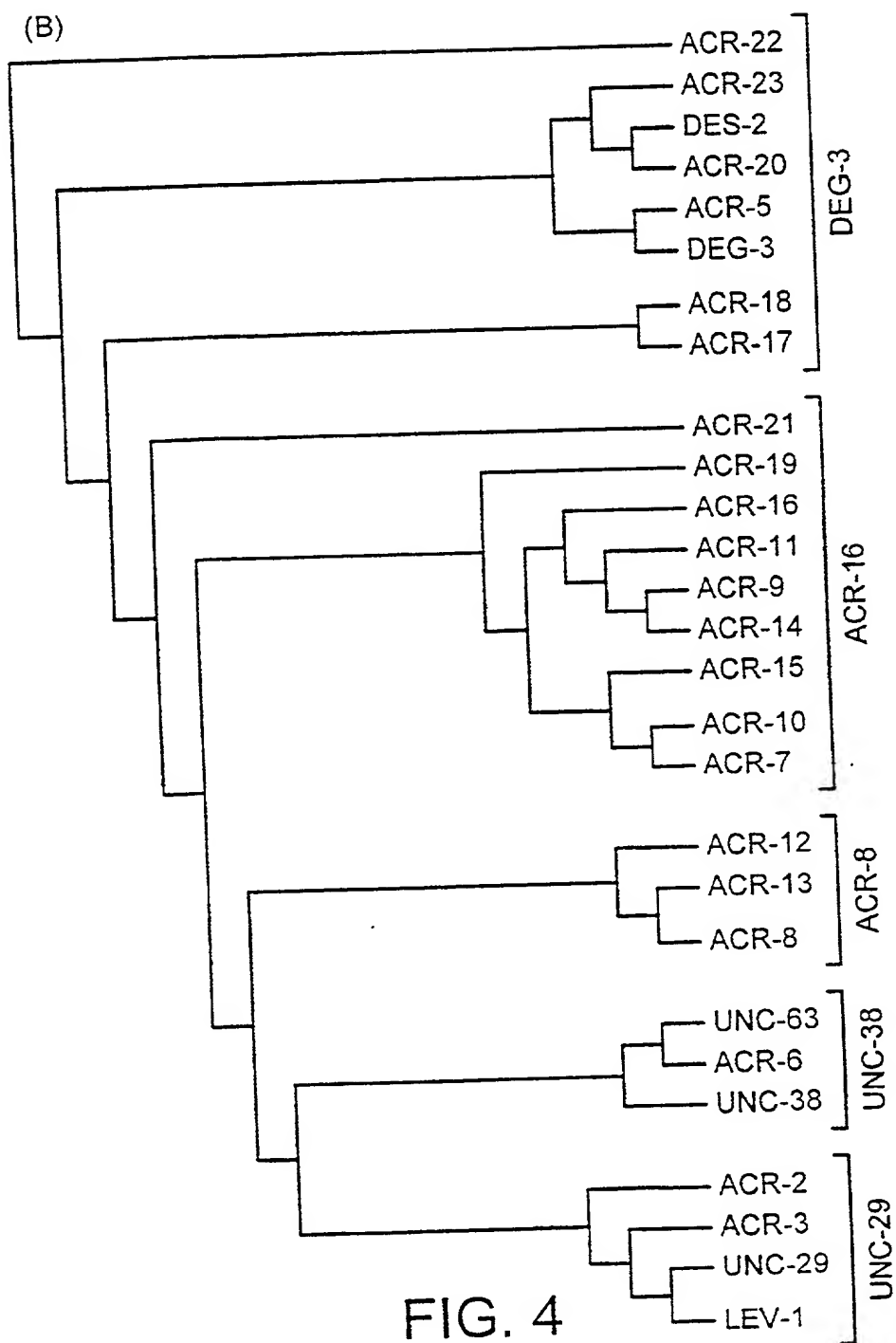


FIG. 4
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UNC-63:MGPN-----DHGFAYIIFL7LSPPQUNARDN-RIFED7IADUNK[VRE]FSENG7--TLV7TFK7K7SQ7LDVHE7NO7IM7T7H7V7LQHS7
 UNC-38:MRSE-----LFLLLL7FCISFIK7EGNE7K-R7YDD7NVN7RHR7ESTSPNK7PTIK7L7LM7R7SO7IDVHE7ID7C7INTCS7V77KQ7W
 LEV-1 :M4LGGGGCGAGGT7LGFLVF7AVS7RNHS7CED7DED7MVD7ERG7NS7VQB7RNR7S7--PMI77IGMO7V7L7IN7VDB7EC7VM7H77V777TRK7
 UNC-29:R7TN-----RLS7I-LVLSVVF7I7V7I7IN7IN7AS7DEER7L7VD7V7ERG7NS7IOB7RNS7S7--PLI77MA7Q7V7L7R7VDB7EC7VM7H77V777TLQ7

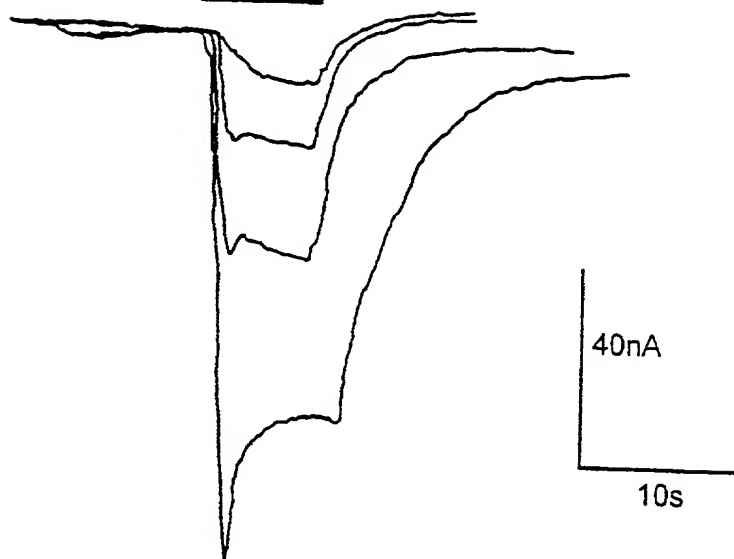
UNC-63:1W7PDV7V7L7NN7AD7EN7Q7Y7I7TKAK7L7TYNG7V7E7A7PPA7IK7S7CO7IDV7E7F7EP7ED7Q7C7EMK7EGB7WT7GGL7AVD7QHRDK7H7E7KE7IEED7VEG7VDG7PT
 UNC-38:IMV7PD7V7L7Y7RN7AD7SN7EN7IT7SKAT7L7HYTG7V7E7A7PPA7IK7S7CO7IDV7E7F7EP7ED7Q7C7EMK7EGB7WT7F7S7EN7L7S7V7EL7NE7PS7L7RY7EE7IE7DEK7GI7DN-
 LEV-1 :VM7PD7V7L7Y7RN7AD7EN7E7V7S7CNV7L7L7ST7GT7L7W7PPA7IK7S7CI7IDV7E7F7EP7ED7Q7C7S7T7E7GB7WT7NR7DE7IK7DF-----
 UNC-29:VM7PD7V7L7Y7RN7AD7EN7E7V7S7CNV7V7IN7UK7ED7MI7V7PPA7IK7S7CI7IDV7E7F7EP7ED7Q7C7V7E7GB7WT7NEN7IK7EF-----

UNC-63:INV7G7KR7HS7P7P7CC7ESP7ID7TYE7IH7RR7R7L7E7V7TV7N7L7E7S7V7G7IS7E7T7AL7V7E7V7P7S7G7EK7IS7CI7I7I7E7LT7E7F7M7L7VE7E7PS7LV7PI
 UNC-38:MSRV7K7RA7KN7Y7P7SC7P7Q7S7AY7ID7TY7YL7QR7RP7L7E7TV7N7L7E7V7E7C7V7G7IS7E7T7IL7V7E7A7PPA7IK7S7CI7I7I7E7LT7E7F7M7L7VE7E7PS7LV7PI
 LEV-1 :MDG7AV7L7TS7DR-----EFQ7IR7IR7K7L7E7TV7V7L7E7TV7L7MA7E7NV7V7E7A7PPA7IK7S7CI7I7I7E7LT7E7F7M7L7VE7E7PS7LV7PI
 UNC-29:IDV7P7SLV7NR7SR-----EFQ7V7IR7IR7K7L7E7TV7V7L7E7TV7L7MA7E7NV7V7E7A7PPA7IK7S7CI7I7I7E7LT7E7F7M7L7VE7E7PS7LV7PI

UNC-63:VHY7S7P7TH7TY7E7K7M7KR7L7E7VD7F7P7Y7LL7M7E7P7P7P7GH7SK7PN7RK7F-----DSR7AST7F7S7IG7--VN7V7L7G7ON7S7E7--LL7SP7G7IN7S7NR7E7S7S7FT7L7PR7DN7SP
 UNC-38:LUH7RI7P7TH7TY7E7K7M7KR7L7E7VD7F7P7Y7LL7M7E7P7P7P7GH7SK7PN7RK7F-----ID7DY7E7E7K7F7DD7KK7--K7K7DG7K7IAL7S7--V7A7HR7V7N7-----V7GN7I7N7A7T7ID7DT7IQ7K7MY7Y7PP
 LEV-1 :IV7E7RS7P7TH7TY7E7K7M7KR7L7E7VD7F7P7Y7LL7M7E7P7P7P7GH7SK7PN7RK7F-----ID7DY7E7E7K7F7DD7KK7--K7K7DG7K7IAL7S7--V7A7HR7V7N7-----V7GN7I7N7A7T7ID7DT7IQ7K7MY7Y7PP
 UNC-29:VY7E7E7P7TH7TY7E7K7M7KR7L7E7VD7F7P7Y7LL7M7E7P7P7P7GH7SK7PN7RK7F-----KS7AS7ERS7AV7RS7GM7AQ7L7GV7G7Q7FT7L7SP7SA7P7CPS7AD7--DR7TT7I7N7T7AS7H7E7TS7AY7Y7PI7ETD

UNC-63:VIED7MR7I7SV7MD7RI7E7D7IT7E7F7CA7E7GV7V7I7AR7PS7I7Y7--D7N7TPA7A7-----:502 [SEQ ID No. 1]
 UNC-38:IDEP7MR7V7M7V7DR7L7E7L7I7S7I7CFV7GT7V7I7LL7RA7E7LY7--D7TR7Q7P7ID7L7Q7Y7R7PAN7LS7AN7P7IS7F7--:513 [SEQ ID No. 2]
 LEV-1 :FRDD7MR7FI7AS7V7DR7FI7Y7C7F7GT7V7G7ET7IG7I7E7F7AS7V7F7E7T7E7N7AT7V7K7L7Q7Y7DM7G7I7ND7TV7LG7IF7:507 [SEQ ID No. 3]
 UNC-29:FRDD7MR7V7M7I7DR7L7E7L7Y7V7E7F7GT7V7G7ET7CG7L7FS7A7IV7F7Q7R7ID7Q7Q7E7I7DR7I7KE7KY7DT7--SNIP7--:493 [SEQ ID No. 4]

ACETYLCHOLINE



LEVAMISOLE



10^{-5} M LEVAMISOLE



FIG. 6

10^{-6} M MECAMYLAMINE
+ 10^{-5} M LEVAMISOLE



3×10^{-5} M LEVAMISOLE



UNC-63 LEV-1 UNC-29

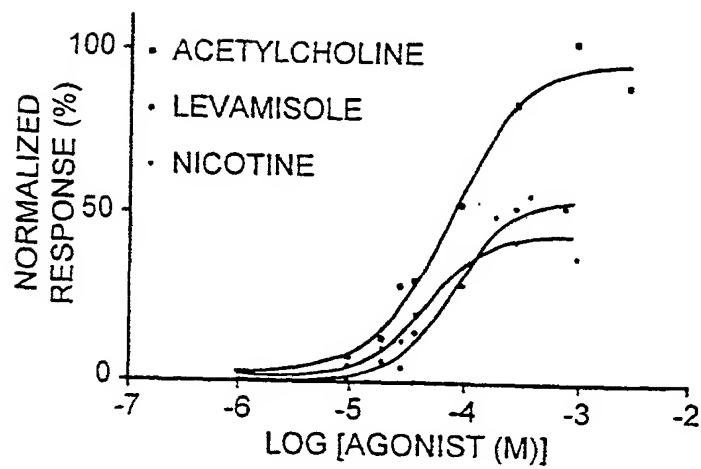


FIG. 6

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